

Date: Wed, 21 Apr 93 09:25:17 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #487
To: Info-Hams

Info-Hams Digest Wed, 21 Apr 93 Volume 93 : Issue 487

Today's Topics:

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 Motorola MICOR
 PacketCluster-Sysops welcome!
 sorry looked for FAQ
 SPACE BULLETIN 017 ARLS017
 SURVEY : How did your tower fail?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 19 Apr 93 21:59:18 GMT
From: usc!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!torynews!kevin@network.UCSD.EDU
Subject: "Busting" Jammers
To: info-hams@ucsd.edu

In article <13364@news.duke.edu> jbs@ee.egr.duke.edu (Joe B. Simpson) writes:
>In an article, tim@umcc.umcc.umich.edu (Tim Tyler KA8VIR) writes:
>> If you get on the air & say "We tracked that jammer down! It is
>>Wilbur Smith, KA7xxx that is interfereing with the repeater!" you run the

>>strong risk of being sued, and it is really irrelevant as to whether or not
>>it was Wilbur that was doing the interference.

>

>I haven't seen anyone suggest doing this. I have heard it announced that
>a jammer had been located and talked to, but never have I heard a name or
>call given to identify the jammer (that only seems to happen in ARRL bulletins
>once the FCC gets involved).

>

I've heard this done on 147.435 in L.A.: name, address, workplace, parent's
name, phone, etc. given out over the air. This for the purposes of
harassing the individual and his family, not necessarily because the
individual was a jammer, but because he had made an enemy of someone on the
repeater. So this sort of thing **does** happen.

--

Kevin Sanders, KN6FQ NCR Torrey Pines
kevin.sanders@torreypinesca.ncr.com (619) 597-3602
kevin%beacons@cyber.net

Date: 21 Apr 93 15:28:32 GMT
From: news-mail-gateway@ucsd.edu
Subject: CDE Ham II rotor parts.
To: info-hams@ucsd.edu

I just purchased a used CDE Ham II rotor and would like to change the
North centered meter to a South centered meter. The Owner's manual
says a kit is available for field modification. However, the phone
number listed for CDE is no longer in service. The number in the
manual is 919-552-2281. Does anyone have any information as to where
I can get a South centered meter for this rotor?

Thanks, Dave

WB1FLD

email: bourque@sceng.ub.com

Date: Wed, 21 Apr 1993 15:20:36 GMT
From: swrinde!sdd.hp.com!saimiri.primate.wisc.edu!zaphod.mps.ohio-state.edu!
pacific.mps.ohio-state.edu!linac!newsaintmail@network.UCSD.EDU
Subject: CDE Ham II rotor parts.
To: info-hams@ucsd.edu

In article <9303217354.AA735402512@sceng.UB.com> bourque@sceng.UB.COM
(Bourque_David) writes:

>

>I just purchased a used CDE Ham II rotor and would like to change the
>North centered meter to a South centered meter. The Owner's manual

>says a kit is available for field modification. However, the phone
>number listed for CDE is no longer in service. The number in the
>>manual is 919-552-2281. Does anyone have any information as to where
>I can get a South centered meter for this rotor?
>Thanks, Dave
>WB1FLD
>email: bourque@sceng.ub.com

Dave,

I could be wrong but look on the back of the meter face. One mfg.
of rotors used to place the south-centered face on the back of the
"normal" face. All one had to do was remove the two screws holding
the face, remove the face being careful not to damage the meter
needle and then turn the meter card over and re-install. Hope that
was CDE....

73 Kermit W9XA

Date: 21 Apr 1993 12:36:45 GMT
From: meaddata!dem@uunet.uu.net
Subject: Dayton Weather
To: info-hams@ucsd.edu

Doesn't look good, folks (but what else is new, right?). Here's
the Hamvention forecast from the Dayton Daily News. Let's hope
they're wrong:

Friday 4/23 Sunny 53/34
Saturday 4/24 Showers 63/39
Sunday 4/25 Showers 65/41

--
David Myers "You guys listen to managers (513) 865-1343
Mead Data Central much too often." Fabrication Systems
P.O. Box 933 My manager dem@meaddata.com
Dayton, Ohio 45401 2/5/93 7 ...!uunet!meaddata!dem

Date: Wed, 21 Apr 1993 00:11:12 CST
From: usc!sol.ctr.columbia.edu!eff!news.oc.com!utacfd.uta.edu!rwsys!ricksys!
news@network.UCSD.EDU
Subject: Equipment for a shuttle contact?
To: info-hams@ucsd.edu

bill@thd.tv.tek.com (William K. McFadden) writes:

> In article <930415154723@nauvax.ucc.nau.edu> cvm@nauvax.ucc.nau.edu (Chris M
> ichels) writes:

>>I have been trying to at least hear them for the entire STS-56 mission
>>without success.

>

> I've also been listening without success. I figured it was just my lousy
> setup (PRO-2006 w/ built-in whip), so I had low expectations. I have managed
> to hear a local packet station and several hams that either don't know or
> don't care about keeping the channel clear.

>

> I did read a posting that said one of the school contacts used a directional
> antenna that was kept pointed at the shuttle.

>

This time I was busy with other things but last year I heard them on a
PRO-34 with a mediocore magnet-mount scanner antenna stuck on the window
airconditioner at my apartment. I got them on tape but never did send
for a QSL.

--

Internet(MX): rick@ricksys.lonestar.org

If I bounce (the maps have errors that I have no control over) then use
bo836@cleveland.freenet.edu or ah053@yfn.ysu.edu

BITNET: bo836@cleveland.freenet.edu@cunyvms or ah053@yfn.ysu.edu@ysub

Date: Wed, 21 Apr 1993 12:09:40 GMT

From: mcsun!news.funet.fi!aton.abo.fi!usenet@uunet.uu.net

Subject: for sale: tm431e-transceiver

To: info-hams@ucsd.edu

For Sale:

A 70cm amateur transceiver Kenwood TM431e

-output power 35W on FM

-SWR/PWR-meter Maldol. Areas VHF&UHF (works on the VHF band, too)

PWR-metering goes up to 200W

-8Amp power supply Monacor

-Homebrew 15-el 70cm-yagi

Make your offer via e-mail. 73's de Yka oh8kdp

Myyt{v{n{:

70cm:n amat||ririgi Kenwood TM431E

-teho 35W FM. Mukana manuaali.

-SWR/PWR-mittari Maldol. Alueet VHF-UHF (toimii siis my|s 2m bandilla)

PWR-mittaus aina 200W asti
-8Amp poweri Monacor.
-homebrew 15-el 70cm-yagi kaupanpöille.
Tee tarjous e-maililla. 73's de YK OH8KDP (Laitteet Turussa)

Till Salu:

70cm transceiver Kenwood TM431E
-effektiv, 35W pö FM. Handboken kommer med.
-SWR/PWR-mätaren Maldol. Mätningssomröden VHF-UHF (fungerar alltsö öven pö 2mb)
effektmätning önda til 200W.
-8Amp power supply Monacor
-hemgjort 15-el 70cm-yagi hör till paketet.
Ta kontakt med e-mail. 73's de YK OH8KDP (Apparat i öbo)

Date: Wed, 21 Apr 1993 10:36:15 GMT
From: usc!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!umn.edu!csus.edu!
netcom.com!feustel@network.UCSD.EDU
Subject: IC-W2A Help
To: info-hams@ucsd.edu

Check out the article on the W2A in the current issue of 73 Magazine.

--

Dave Feustel N9MYI <feustel@netcom.com>

I'm beginning to look forward to reaching the 100% allocation of taxes
to pay for the interest on the national debt. At that point the
federal government will be will go out of business for lack of funds.

Date: Wed, 21 Apr 1993 11:29:26 GMT
From: usc!sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!apollo.hp.com!hpwin052!
hpqmoea!dstock@network.UCSD.EDU
Subject: Information on Hamming in U.K.
To: info-hams@ucsd.edu

Bandplans are voluntary.

Part of the 430-440 MHz band is verboten in parts of the country

Date: 21 Apr 93 10:09:12 GMT
From: news-mail-gateway@ucsd.edu

Subject: Information on Hamming in U.K.
To: info-hams@ucsd.edu

Hi there Bill,

Well, the 2m band goes from 144.0 to 146.0MHz. 144.3 is SSB calling, 145.5 is FM calling. Packet is on 144.625, .650, and .675. With a maximum of 25W when unattended. 144.625 is theoretically dedicated to TCP/IP. I have an internet number but am having problems getting NOS going. Repeater Outputs start at 145.6, and the inputs at 145.0 (-600KHz). Repeater access tones are 1750Hz, but are starting to be changed over to CTCSS.

There is no 220MHz band in the U.K.

430MHz goes from 430.0 to 440.0. I'm not very active on this band, apart from packet which is on 432.625, 433.625, 432.650, 433.650, 432.675 and 433.675. We share 70cms with the military, so they have some frequencies, although off hand I don't know which. We've *JUST* got unattended packet operation on all of the packet frequencies.

As for bringing your equipment into the country, well I don't think equipment that transmits outside our 2m band (as yours will) will be allowed, but you can always ask the RSGB, or the Radiocommunications Agency. I think your 70cm band is the same as ours though, so that should be okay. (please no flames if I'm wrong on that one!)

Hope this helps.

73,

Paul, GW7KES.

Packet: GW7KES@GB70NV.#45.GBR.EU Internet: pdu@unixa.nerc-barry.ac.uk

Date: Wed, 21 Apr 1993 11:47:15 GMT
From: nsisrv!news1.gsfc.nasa.gov!trust!charlson@ames.arpa
Subject: Internet to Packet Gateways ???
To: info-hams@ucsd.edu

I am looking for some Internet to Packet gateways.
I have been having problems reaching a couple of friends
on packet and I would like to try some of these gateways as an alternative.
Any info would be appreciated. Please reply to address below. THANKS !!!

Deane R. Charlson charlson@trust.gsfc.nasa.gov

NASA dcharlson@zaphod.gsfc.nasa.gov
Goddard Space Flight Center Phone: (301) 286-7883
Greenbelt, MD 20771 Fax: (301) 286-7538

Date: Wed, 21 Apr 1993 11:50:39 GMT
From: noc.near.net!lynx!sehrlich@uunet.uu.net
Subject: Mass QSO Party Rules
To: info-hams@ucsd.edu

MASSACHUSETTS QSO PARTY '93

I. OBJECT

The object of the Party is to promote on-air competition among all radio amateurs, both within and outside of Massachusetts.

II. TIME

The second full week-end in May (May 8-9), from 1500Z Saturday to 2100Z on Sunday. Stations are only permitted to operate 24 hours within the 30 hour period.

III. GENERAL RULES OF OPERATION

1. The use of spotting nets is allowed.
2. Operation will be on MF, HF, VHF and UHF except on 30 meters, 17 meters and 12 meters. All modes are permitted. Modes consist of digital (CW, RTTY, ASCII, AMTOR, Packet), video (SSTV and ATV) and phone (SSB, FM, AM).
3. The use of land-based voice repeaters for contest QSO is not permitted.
4. Digipeater, node, land based ATV repeater and amateur satellite transponder operation is allowed.
5. Work stations once per band per mode per Massachusetts county.
6. Work the same station on a different band for a new multiplier.
7. Mobile/portable operation is permitted and encouraged.
8. Massachusetts stations may work any stations, non-Massachusetts stations may work only Massachusetts stations.

IV. CATEGORIES:

Categories 1 to 4 are for Massachusetts stations only.

1. SINGLE OPERATOR / SINGLE TRANSMITTER: (SINGLE/SINGLE)

A single operator who performs all transmitting, receiving and logging functions.

2. MULTI OPERATOR /SINGLE TRANSMITTER: (MULTI/SINGLE)

A station using a single transmitter at a time and obtaining assistance including relief operators, loggers etc.

3. MULTI OPERATOR / MULTI TRANSMITTER: (MULTI/MULTI)

A station operating multiple transmitters with multiple operators at the same time, when all transmitters are located within a 300 meter diameter circle. All "Bonus Point Club Stations" are encouraged to participate in this category.

4. NON-FIXED STATION: (MOBILE/PORTABLE)

A station capable of being operated from more than one location. This is to encourage operation from more than one county. The log should clearly indicate which county the contacts were from.

5. NON-MASSACHUSETTS STATION:

A station operating from outside the state of Massachusetts.

V. SUGGESTED FREQUENCIES

CW: 1810 KHz, 3550 KHz, 7050 KHz, 14050 KHz, 21050 KHz,
28050 KHz, 144.070 MHz, 432.090 MHz
Novice: up 30 KHz from band edge

SSB: 1850 KHz, 3890 KHz, 7290 KHz, 14270 KHz, 21390 KHz,
28390 KHz, 144.220 MHz (SSB) 146.550 MHz (FM),
432.150 MHz (SSB), 446.000 MHz (FM)

VI. EXCHANGE

1. Massachusetts stations:

Send signal report and county.

example: "59/9 Middlesex"

Bonus Point Club Station:

Send signal report, county plus "club station" on phone, or
"/c" on non-phone.

example: "59 Middlesex club station" or "599 Middlesex /c"

2. Non-Massachusetts stations:

Send to Massachusetts stations only whichever applies:

US: Signal report and state

CANADA: Signal report and province/territory

DX: Signal report and DXCC country (excluding US, Canada,
Alaska and Hawaii)

VII. POINTS

1. Massachusetts stations:

Count one (1) point per phone QSO.

Count two (2) points per non-phone QSO.

Count fifty (50) points for Bonus Point Club Station regardless
of mode.

2. Non-Massachusetts stations:

Count one (1) point per phone QSO with any Massachusetts
station.

Count two (2) points per non-phone QSO with any Massachusetts
station.

Count fifty (50) points for Bonus Point Club Station regardless
of modes.

VIII. MULTIPLIERS

1. Multipliers for Massachusetts stations:

The total number of Massachusetts counties, states
(excluding Massachusetts), VE province/territories and DXCC
countries (excluding US, Canada, Alaska, Hawaii) worked on
each band.

2. Multipliers for non-Massachusetts stations:

The total number of Massachusetts counties work on each
band.

3. Miscellaneous:

Maritime mobile contacts shall be counted as a QSO, but not
as a multiplier.

Washington DC contacts shall be counted as a Maryland QSO.

IX. FINAL SCORE

Multiply the sum of QSO points by the sum of multipliers worked on each band.

X. LOGS

All logs must be postmarked no later than 30 days after the end of the contest.

For purposes of clarification, logs must show the mode of operation and the county, state, province/territory or DXCC country.

The rest periods should be clearly indicated in the logs.

Novices and Technicians should clearly indicate their license class to be eligible for special awards.

Dupe sheets are required for stations submitting more than 100 QSOs.

Logs with more than five percent error will only be accepted as control logs.

The logs should be sent in a printed form.

Send logs to: Massachusetts QSO Party,
Boston Amateur Radio Club,
PO Box 15585, Kenmore Station
Boston, MA 02215.

XI. AWARDS

1. An award will be given to the highest scoring station in each of the five categories.
2. An award will be given to the highest single/single scorer in each Massachusetts county (except for the county of the single/single winner).
3. An award will be given to the highest scoring station in each state, Canadian province/territory, and DXCC country.
4. An award will be given to the highest scoring Massachusetts Bonus Point Club Station.

5. An award will be given to the highest scoring Novice or Technician class station in each category in the state of Massachusetts.
6. Certificates will be awarded for the second and third place winners in each category.

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=====
| Scott Ehrlich           Internet: wylz@world.std.com           |
| Amateur Radio: wylz      Packet Radio: wylz@k1lugm.ma.usa.na    |
|                           |                                     |
=====
```

Date: Wed, 21 Apr 1993 12:20:56 GMT
From: usc!cs.utexas.edu!csc.ti.com!tilde.csc.ti.com!fstop.csc.ti.com!
sbrown@network.UCSD.EDU
Subject: Motorola MICOR
To: info-hams@ucsd.edu

I just got through moving a couple of MICORs to 2M so I may be competent to comment on this.

The MICOR is a late 70's vintage commercial rig made by Motorola. Think bulletproof with the attendant size and weight. I haven't weighed one but I'd guess they weigh about 35 lb.

The "head cord" that is "bad" is the control head and associated equipment, without which the radio is useless. You could cobble something together to replace it but it would take a lot of time and trouble. The radio is designed in such a way that the main part of the radio, the part J. Fall has, goes in the trunk of your car. The control head, on which are located the on/off switch, the squelch control, the volume control, and the frequency selector, if multi-frequency, mounts on your dash or where ever, and the microphone and speaker plug into it.

The radios convert to 2M relatively easily and should last forever.

Hope this helps.

73,

--

Steve Brown, WD5HCY	Simplicate
sbrown@charon.dseg.ti.com	and add
wd5hcy@kf5mg.#dfw.tx.usa.na	lightness.
(214) 575-3597	
MSG:SBRN	- Bill
MS 8496, PSK0	Stout

Date: 21 Apr 1993 12:53:42 GMT
 From: usc!howland.reston.ans.net!ira.uka.de!math.fu-berlin.de!news.belwue.de!
 news.uni-stuttgart.de!gross@network.UCSD.EDU
 Subject: PacketCluster-Sysops welcome!
 To: info-hams@ucsd.edu

I would like to invite all Sysops of PacketCluster nodes to our email discussion list which discusses all about the PacketCluster Software.

What you have to do to get in it ?

First of all - you need to have an email adress.

Send a message to listserv@ifsws1.sozialforschung.uni-stuttgart.de with a message body of "help" - this is to show you the commands this mailing list server supports.
 Then, send a second message with a message body of "subscribe packetcluster firstname lastname (callsign)".
 (Please note that it is _message body_ and not _subject_!)

so if you are Dick Newell and your callsign is AK1A,
 the line would be:

subscribe packetcluster Dick Newell (AK1A)

Also there is an anonymous FTP server to supply PacketCluster-related software, information files and databases.
 The FTP server also has a directory for G8BPQ and contesting stuff.

FTP to 141.58.162.1, login as "ftp", choose any password.

Then "cd /pub" - that's where the things are.
 Feel free to upload files to /pub/uploads, don't forget to leave a *.txt file to describe your upload.

73! Frank DL1SBR

--

Frank Grossmann (DL1SBR)
Internet: gross@ifsws1.sozialforschung.uni-stuttgart.de
Packet Radio: DL1SBR@DB0SDX.DEU.EU
Stuttgart University, institute for social research

Date: Wed, 21 Apr 1993 14:20:14 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!news-feed-1.peachnet.edu!emory!
sol.ctr.columbia.edu!usenet.ucs.indiana.edu!ds9.hper.indiana.edu!
user@network.UCSD.EDU
Subject: sorry looked for FAQ
To: info-hams@ucsd.edu

I'm going to ask some basic questions. I'm interested in learning more about amateur radio, and could not find a FAQ.

1. Are there different types of amateur radio (ham, shortwave, ...) or are they all the same? And could someone describe them to me.
2. How much does the basic equipment cost?
3. What is this exam, and how do I got about studying for it and taking it?
4. What amateur radio resources are there in Indiana (also Arizona and Flordia, may move to one of these places soon)?

Thanks for any info,
Mike

--

Mike Basinger: Not Speaking for Indiana University or the School of HPER
Computer Specialist dbasinge@indiana.edu (BinHex accepted)
School of HPER dbasinge@arapahoe.ucs.indiana.edu (NeXT Mail)
Phone: (812) 855-1562 Fax: (812) 855-4983

Date: Wed, 21 Apr 93 12:20:14 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!zaphod.mps.ohio-state.edu!
mstar!n8emr!bulletin@network.UCSD.EDU
Subject: SPACE BULLETIN 017 ARLS017
To: info-hams@ucsd.edu

=====

| Automatic relayed from packet radio via |

=====

ZCZC AS96
QST DE W1AW
SPACE BULLETIN 017 ARLS017
FROM ARRL HEADQUARTERS
NEWINGTON, CT APRIL 20, 1993
TO ALL RADIO AMATEURS

SB SPACE ARL ARLS017
ARLS017 STS-55 UPDATE

STS-55, SPACE SHUTTLE COLUMBIA, IS SET FOR LAUNCH ON APRIL 24 AT 1452 UTC, ON THE HEELS OF THE RETURN OF STS-56 AND ITS HAM ASTRONAUTS. CREW MEMBERS WILL INCLUDE STEVE NAGEL, N5RAW, COMMANDER JERRY ROSS, N5SCW, PAYLOAD COMMANDER CHARLES PRECOURT, KB5YSQ, MISSION SPECIALIST HANS WILHELM SCHLEGEL, DG1KIH, PAYLOAD SPECIALIST AND ULRICH WALTER, DG1KIM, PAYLOAD SPECIALIST. THE NINE-DAY MISSION FEATURES SPACELAB D2 AS THE PRIMARY PAYLOAD, WITH THE SECONDARY PAYLOAD BEING SAREX. SPACE SHUTTLE COLUMBIA WILL BE AT A LOW INCLINATION OF 28 DEGREES. THE TEST COMPARISON OF IN-CAB SAREX ANTENNAS AND OUTSIDE CARGO-BAY SAREX ANTENNAS MENTIONED IN EARLIER W1AW BULLETINS WILL TAKE PLACE ON ORBIT 61 AT 3 DAYS, 18 HOURS AND 3 MINUTES AFTER LAUNCH, AND ON ORBIT 62 AT 3 DAYS, 19 HOURS AND 37 MINUTES AFTER LAUNCH. MONITOR W1AW FOR FURTHER DETAILS.
NNNN

Date: Wed, 21 Apr 1993 15:28:23 GMT
From: usc!howland.reston.ans.net!bogus.sura.net!udel!gvls1!rossi@network.UCSD.EDU
Subject: SURVEY : How did your tower fail?
To: info-hams@ucsd.edu

As they say, "A structure will fail at its weakest point" ... But where is the weakest point?

I am curious to hear from anyone who has ever had a *guyed* tower come down in a storm, etc --- WHAT FAILED?

I will be putting up a tower soon and I am interested to know what are the most likely failure points that I should make sure to pay extra special attention to.

Please supply a BRIEF description of :
Tower make :
Height and antenna load :

Guy configuration (levels, wire size/type) :
What actually failed? :
What caused the failure (storm, estimated wind MPH, etc) :
Anything else unique to the failure :

Please e-mail your responses and I will post a summary if I get anything interesting worth posting. Please be brief. I may request additional information from you if necessary.

I am only interested in *GUYED* tower installations.

=====

Pete Rossi - WA3NNA	rossi@VFL.Paramax.COM
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Paramax Systems Corporation - a Unisys Company
Valley Forge Engineering Center - Paoli, Pennsylvania

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End of Info-Hams Digest V93 #487
